



Missouri August Production Forecast



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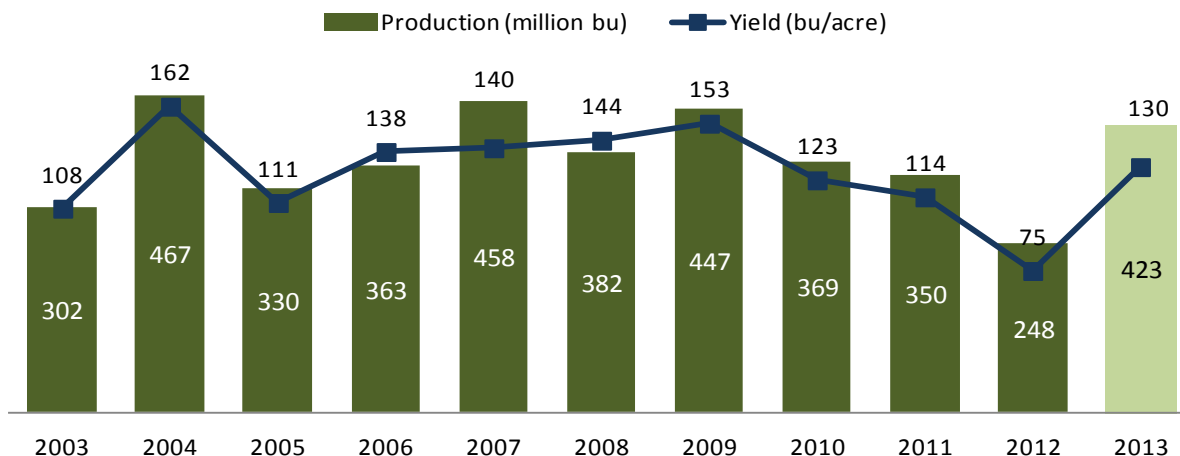
Missouri Corn and Soybean Yields Rebound

COLUMBIA, MO - The cool, wet spring delayed planting across Missouri. The May through June rainfall total for the state, at 18.1 inches, was the second highest for that time period since 2000. However, in July, soils in the northern half of the state began to dry out, with rainfall amounts below average in the region. Though most of the state continues to have adequate moisture, the northwest corner of the state was experiencing moderate drought conditions as of August 8.

Overall, forecasted yields for corn, soybeans and sorghum, are substantially higher than last year. Record and near record yields are expected for rice and cotton, crops that yielded well in last year's drought thanks to irrigation.

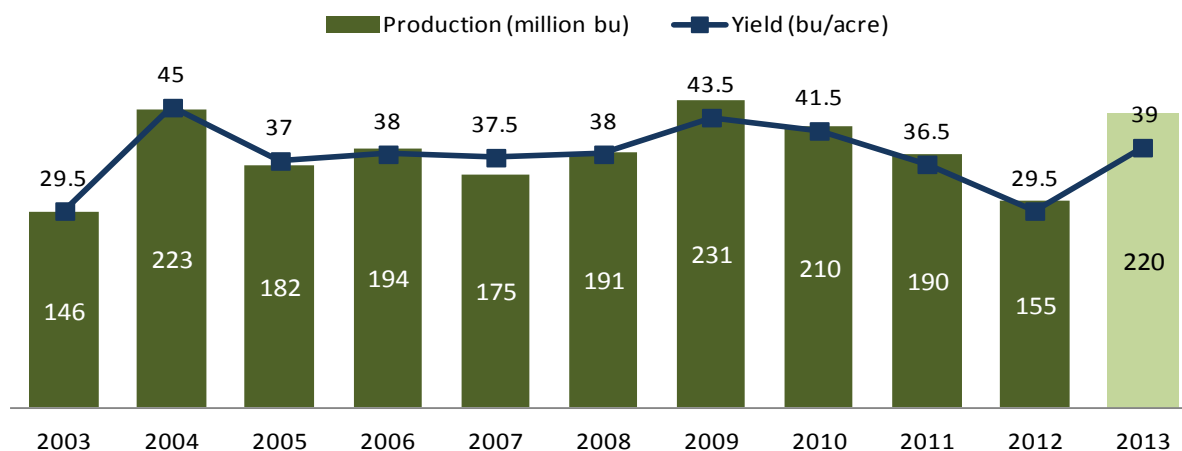
The **Missouri corn yield** is forecast at **130** bushels per acre, the highest since 153 bushels per acres in 2009 and an increase of 55 bushels from last year. Corn planted acres are estimated at 3.45 million acres, unchanged from the June 1 estimate. Acres harvested for grain are forecast at 3.25 million acres, also unchanged from the June 1. The resulting forecast **production** for the state is **422.5** million bushels, 71 percent more than 2012 and the fourth highest total for Missouri.

Missouri Corn Yield and Production



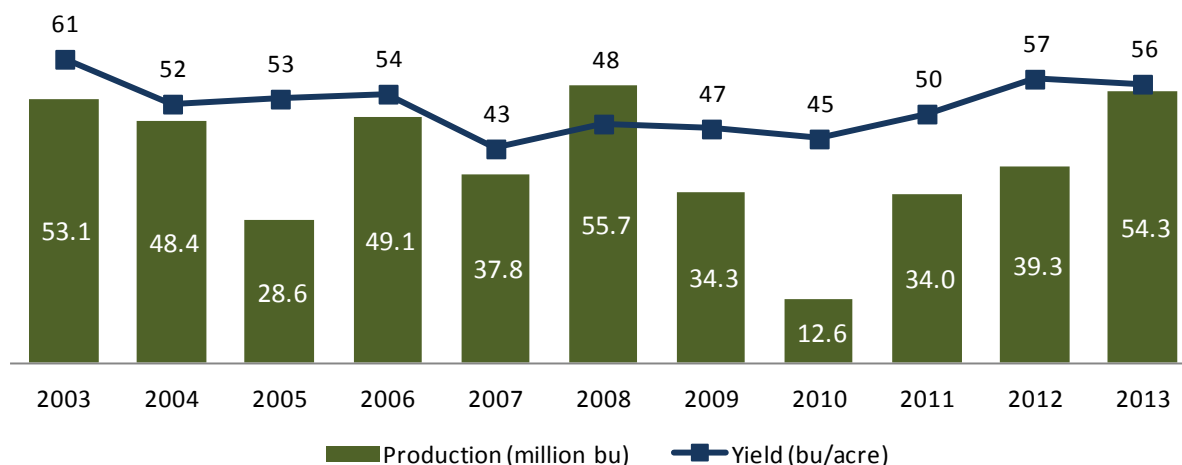
Soybean yield in **Missouri** is estimated at **39** bushels per acre, the highest since 2010. Planted acres are unchanged from the June forecast at 5.7 million acres. Harvested acres are expected to total 5.64 million acres, the most since 1982. **Production** is forecast at **220** million bushels, 42 percent above last year and the third highest for Missouri.

Missouri Soybean Yield and Production

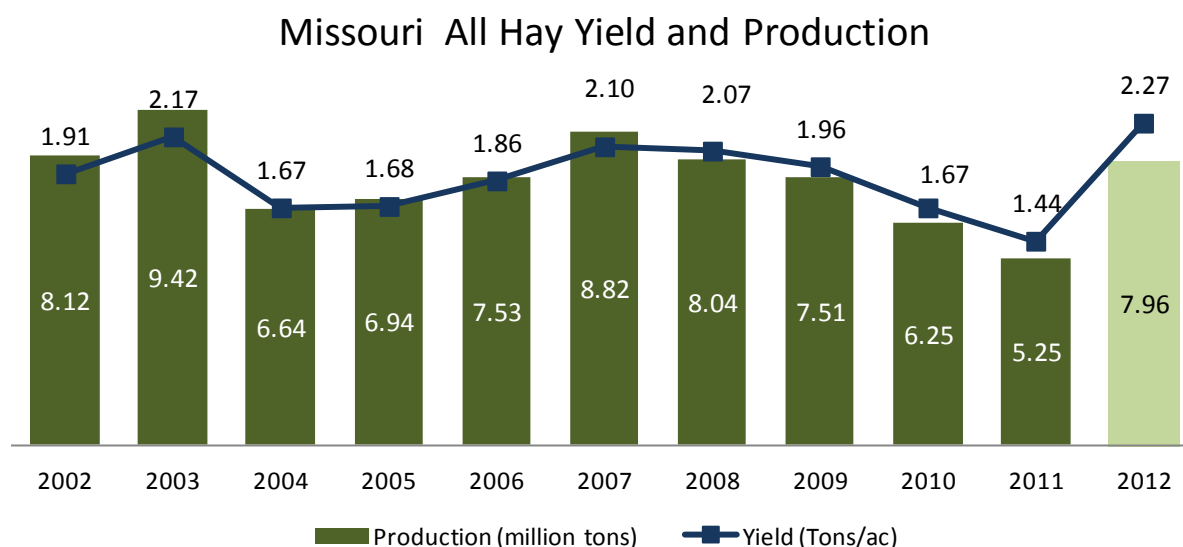


Missouri winter wheat producers harvested an estimated 970 thousand acres of the 1.1 million acres planted last fall. **Yield** per harvested acre is estimated at **56** bushels, the on bushel less than last year and one greater than the July 1 forecast. This is the third highest yield on record in Missouri, 61 bushels per acre in 2003 being the highest. **Production** is forecast at **54.3** million bushels, 38 percent above last year and also the highest production since the 55.7 million bushels produced in 2008.

Missouri Winter Wheat Yield and Production



The total area of **all hay** to be harvested in **Missouri** is forecast at 3.51 million acres, 150 thousand acres below last year and the smallest since 1995. Harvested acres of **alfalfa** are forecast at 260 thousand acres and are expected to produce 806 thousand tons with a yield of 3.1 tons per acre, the most since 2009. **Other hay** harvested acres are forecast at 3.25 million acres.



Production of other hay is forecast at 7.15 million tons with a yield of 2.2 tons per acre, the surpassing the record of 2 tons per acre last attained in 2009.

Cotton planted acres in **Missouri** are estimated at 270 thousand acres, 90 thousand less than in 2012. Producers expect to harvest 261 thousand acres. A yield of 1103 pounds per acre is forecast, 3 pounds below the record of 1106 pounds in 2008. The resulting production of 600 thousand 480-pound bales would be 131 thousand bales below last year. Planted acres of **Missouri rice** are estimated at 164 thousand acres, 16 thousand less than 2012. Harvested acres are forecast at 161 thousand acres. A record yield of 6,990 pounds per acre is forecast tying the record set last year. If realized, this would result in a production of 11.3 million hundred-weight.

Planted acres of **sorghum** in **Missouri** are estimated at 90 thousand acres, 25 thousand above 2012. Sorghum acres to be harvested for grain are forecast at 80 thousand acres, likewise, up 25 thousand acres from last year. A yield of 82 bushels per acre, the highest since 2009, is forecast. Production of 6.56 million bushels is expected, the most since 2009 an more than twice of last year's 3.19 million bushels.

U.S. Highlights: **Corn production** is forecast at **13.8** billion bushels, up 28 percent from 2012. If realized, this will be a new record production for the United States. Based on conditions as

of August 1, yields are expected to average 154.4 bushels per acre, up 31.0 bushels from 2012. If realized, this will be the highest average yield since 2009. Area harvested for grain is forecast at 89.1 million acres, unchanged from the June forecast but up 2 percent from 2012.

Soybean production is forecast at **3.26** billion bushels, up 8 percent from last year. If realized, production will be the third largest on record. Based on August 1 conditions, yields are expected to average 42.6 bushels per acre, up 3 bushels from last year. If realized, the average yield will be the fifth highest on record. Area for harvest is forecast at 76.4 million acres, down less than 1 percent from June but up slightly from 2012. Planted area for the Nation is estimated at 77.2 million acres, down less than 1 percent from June.

All **cotton production** is forecast at **13.1** million 480-pound bales, down 25 percent from last year. Yield is expected to average 813 pounds per harvested acre, down 74 pounds from last year. Upland cotton production is forecast at 12.5 million 480-pound bales, down 25 percent from 2012. Pima cotton production, forecast at 579,800 bales, is down 26 percent from last year. Producers expect to harvest 7.70 million acres of all cotton, down 18 percent from 2012. This harvested total includes 7.52 million acres of Upland cotton and 183,800 acres of Pima cotton.

All wheat production, at **2.11** billion bushels, is up slightly from the July forecast but down 7 percent from 2012. Based on August 1 conditions, the United States yield is forecast at 46.2 bushels per acre, unchanged from last month but down 0.1 bushel from last year.

Winter wheat production is forecast at **1.54** billion bushels, down slightly from the July 1 forecast and down 6 percent from 2012. Based on August 1 conditions, the United States yield is forecast at 47.8 bushels per acre, unchanged from last month but up 0.6 bushel from last year. If realized, this will equal the United States record high yield established in 1999. The area expected to be harvested for grain or seed totals 32.3 million acres, unchanged from last month but down 7 percent from last year.

The August yield and production forecasts are based on two surveys conducted by USDA-NASS: a farm operator survey and; for corn, soybeans and wheat; an objective yield survey. The farm operator survey was conducted primarily by telephone with some use of mail, internet and personal interviewers. For the objective yield survey, the number of plants is recorded along with other measurements that provide information to forecast the number of ears, pods or heads and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit are harvested and weighed.

US report: <http://usda01.library.cornell.edu/usda/current/CropProd/CropProd-08-12-2013.pdf>

USDA-NASS website: www.nass.usda.gov

Missouri Yield and Production by District

ACRES PLANTED <i>(1000s)</i>			ACRES HARVESTED <i>(1000s)</i>		YIELD <i>(bu/acre)</i>		PRODUCTION <i>(1000 bu)</i>	
Corn								
AREA	2012	2013*	2012	2013*	2012	2013*	2012	2013*
NW	824	840	782	810	85.2	135.0	66,600	109,300
NC	418	400	388	390	59.3	132.0	23,000	51,570
NE	649	580	587	520	44.5	121.0	26,150	63,130
WC	369	370	340	340	62.6	110.0	21,300	37,420
C	418	410	370	390	64.7	121.0	23,950	47,380
EC	259	210	233	190	52.1	139.0	12,150	26,390
SW	154	120	117	115	70.1	102.0	8,200	11,685
SC	26	30	18	25	91.7	120.0	1,650	2,995
SE	483	490	465	470	138.7	155.0	64,500	72,630
STATE	3,600	3,450	3,300	3,250	75.0	130.0	247,500	422,500
Soybeans								
AREA	2012	2013*	2012	2013*	2012	2013*	2012	2013*
NW	1,033	1,060	1,011	1,055	32.0	40.0	32,325	42,400
NC	798	760	778	755	27.3	38.5	21,205	29,200
NE	825	850	812	840	26.2	38.0	21,276	31,900
WC	609	680	589	665	24.6	36.0	14,518	23,860
C	571	640	550	635	26.2	39.0	14,434	24,900
EC	344	350	334	345	28.3	40.5	9,441	13,900
SW	190	240	179	235	24.4	33.5	4,376	7,900
SC	49	50	47	50	35.2	40.0	1,656	2,000
SE	981	1,070	960	1,060	37.4	41.5	35,939	43,900
STATE	5,400	5,700	5,260	5,640	29.5	39.0	155,170	219,960
Wheat								
AREA	2012	2013*	2012	2013*	2012	2013*	2012	2013*
NW	29	79	26.7	68	56.2	47.0	1,500	3,200
NC	49	82	46.0	68	50.0	48.5	2,300	3,300
NE	72	122	66.0	115	60.6	51.5	4,000	5,900
WC	111	130	97.7	122	55.3	52.5	5,400	6,400
C	84	161	72.7	127	56.4	52.0	4,100	6,600
EC	68	84	59.5	74	57.1	51.5	3,400	3,800
SW	130	125	115.9	103	58.7	52.5	6,800	5,400
SC	14	29	8.9	23	48.3	48.5	430	1,120
SE	233	288	196.6	270	58.0	69.0	11,400	18,600
STATE	790	1,100	690.0	970	57.0	56.0	39,330	54,320

*August 1 Forecast